



DIME Information Sheet

Data Interchange for Material Engineering



Task: Create an XML File

Description:

Follow these instructions to create an XML file.

Who can perform this task?

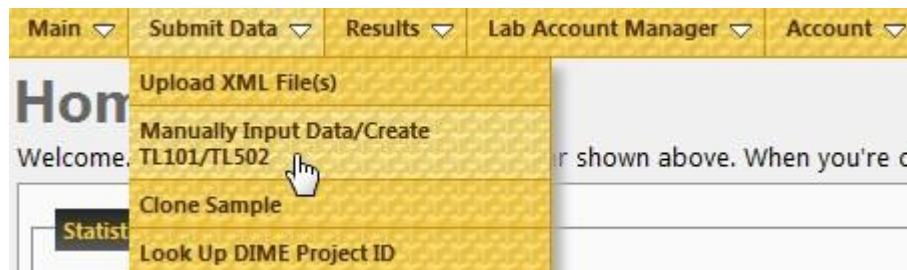
XML files can be created by users who are part of an external testing facility who have 'input' privileges.

Steps:

1. Log into DIME by entering your Email and Password at the following login page:


<http://www.dot.ca.gov/hq/esc/Translab/DIME/login.php>

2. Point to the 'Submit Data' menu item, then click on 'Manually Input Results.'



3. Type the Caltrans project identification number into the Project Identification box, then click the 'Next>>' button to search for the project. This project identification number can refer to a DEA, EFIS, Co-op Number, Minor B Contract Number, permit number or the DIME Project ID number.

4. If multiple project are identified based on the Caltrans project identification you entered, identify the correct project based on the DIST-CO-RTE-PM, work description and location description displayed, then click on that row of the table to select the correct project.


Project identification: 0322222 


More than one projects are found for the given project ID. Please click to select the correct project.



DIME Project ID	DIST-CO-RTE-PM	Work Description	Location Description
9999	03-SAC.ORG-888,99,80-0.6-0.6	YANG ADDED FOR DIME DEVELOPMENT TESTING	SAC TRANSLAB
7788	04-NAP-29-0.6/0.6	The work on American Canyon Road consists of road rehabilitation (FDR AND HMA),curb and gutter,median relocation,bike lanes,striping and pavement markings,traffic loops and replacement of a broken water valve.	American Canyon Rd, American Canyon
7750	04-NAP-29-0.6/0.6	The work on American Canyon Road consists of road rehabilitation (FDR AND HMA),curb and gutter,median relocation,bike lanes,striping and pavement markings,traffic loops and replacement of a broken water valve.	American Canyon Rd, American Canyon
8244	no data-NAP-29-0.6-0.6	The work on American Canyon Road consists of road rehabilitation (FDR AND HMA),curb and gutter,median relocation,bike lanes,striping and pavement markings,traffic loops and replacement of a broken water valve.	no data


5. Select if the sample is new or existing. Identify the sample by inputting the date and time of sampling, and the telephone number of the sampler, then click the 'Next>>' button. If the test sample is not new, the date and time of sampling, and the telephone number must be an exact match with a previously recorded sample, otherwise a 'Cannot Find Sample in Database' error message will appear.


Sample Identification

Instruction: Please enter sample identification and click on the  button at the button to bring up more sample information fields.

☐  Is this a new sample?


  Date and time of sampling


 Sampler's telephone number (format: ###-###-####)



 Fill out the above fields, then click Next.


6. If the sample is new, complete the remaining required sample information.


Sample Identification



Instruction: Please enter sample identification and click on the  button at the button to bring up more sample information fields.


☒  Is this a new sample?


02/13/2013 @ 08:37   Date and time of sampling


111-111-1111  Sampler's telephone number (format: ###-###-####)


 Fill out the above fields, then click Next.


Quality Control   Type of sample


1.5 bags  The quantity and unit(bags, cylinders, etc) of what the sample consitutes.


sample description  A brief description of the sample.

bob  First name of person that collected the sample

jones  Last name of person that collected the sample

title  Title of person that collected the sample

☒  Was sample collected at the source?

facility name  The fabricator/manufacturer/facility name where sample was collected.

7. If the sample is new, select a material, then complete the material information.

Sampled Material Information

Instruction: Please select the sampled material to bring up the material specific input fields. You may need to scroll down to see the fields.

Sampled material: Aggregate

Source Identification 123456

The fabricator's/manufacture's product name for the sample. Coupler

The fabricator's/manufacture's designation for the sample. UUDDLRLRBA

The plant number Houston, TX

A detailed description of where the material sample was collected. Quarry

Where the material sample would have been placed if not sampled. Foundation Footing, NW Corner

8. Select a test from the test dropdown box and complete a test card, for each test performed on the sample.

Test Data (1)

Test identification number: 2013-02-13-08-37-1111-1

Is this a new test? Yes

Tester's full name: Bob Smith

Date Tested: 02/13/2013

Method of Test for Uncompacted Void Content of Fine Aggregate
CT 234 V. Aug-10

Measured Values

Mass of Measure, Grease and Plate 200.0 grams

Mass of Measure, Water, Grease and Plate 300.0 grams

Mass of Clean Dry Empty Measure 100.0 grams

Bulk Oven-Dried Specific Gravity of Fine Aggregate 2.65

Temperature of Water 70.0 deg F

Mass of Measure and Fine Aggregate #1 338.7 grams

Mass of Measure and Fine Aggregate #2 340.5 grams

Intermediate Calculations

Water Density 997.93 kg/m³

Measure Volume 100.21 mL

Mass of Fine Aggregate #1 238.7 grams

Mass of Fine Aggregate #2 240.5 grams

Percent Uncompacted Voids #1 10.1 %

Percent Uncompacted Voids #2 9.4 %

Reportable Calculations

Percent Uncompacted Voids Average 9.8 %

9A. **To view the xml file on the screen**: click the 'View XML for this Input' button.



9B. **To download the xml file to your computer**: click the 'Download XML for this Input' button.

